Lenovo Horizon 2e wiith
2.4G mouse/keyboard

Lenovo Horizon 2e
(back, top, and bottom view)

Lenovo Horizon 2e

Lenovo Horizon 2e
(right and left view)

Physical Gaming Accessories
(E-dice, Joystick, and Striker)

© Lenovo

Lenovo Horizon 2e (F0AS) - U.S.

Product Specifications Reference (PSREF)

Model	Processor	Graphics	Memory	Storage	Optical	Display	Multi-Touch	Camera	Media Reader	WLAN	NFC	Case Color	Keyboard/ Mouse	Battery	Power Supply	Physical Gaming Accessories	Preload	Base Warranty (year)	Ann Date (mm/yy)
F0AS0003US	i5-4210U	HD 4400	4GBx1	1TB SSHD	None	21.5" FHD (glossy)	MT	1080p	6-in-1	11b/g/n + BT	NFC	Silver	2.4G	4-cell	90W	None	Win8.1 64	1-onsite	11/14
F0AS0002US	i3-4030U	HD 4400	4GBx1	1TB SSHD	None	21.5" FHD (glossy)	MT	1080p	6-in-1	11b/g/n + BT	NFC	Silver	2.4G	4-cell	90W	None	Win8.1 64	1-onsite	11/14

Processor

4th Generation Intel® Core™ i3 / i5 / i7 Processors or Intel Pentium® Processor 3000 Series* for Mobile

Processor	Cores / Threads	Clock Speed	Max Turbo Frequency	Cache	Memory Types	Integrated Graphics
Pentium 3558U	2 / 2	1.7 GHz		2MB	DDR3L-1600	Intel HD
Core i3-4010U	2 / 4	1.7 GHz		3MB	DDR3L-1600	Intel HD 4400
Core i3-4030U	2 / 4	1.9 GHz		3MB	DDR3L-1600	Intel HD 4400
Core i5-4210U	2 / 4	1.7 GHz	2.7 GHz	3MB	DDR3L-1600	Intel HD 4400
Core i7-4510U	2 / 4	2.0 GHz	3.1 GHz	4MB	DDR3L-1600	Intel HD 4400

* One-chip platform, integrates Intel processor core, Graphics, Memory Controller, and Platform Controller Hub (PCH)

Graphics

Some: Intel HD Graphics or Intel HD Graphics 4400 in processor, uses main memory, DirectX® 11
Some: NVIDIA® Geforce® 820A, 1GB memory, DirectX 11

Chipset

Intel one-chip platform

Memory

8GB max[7] / DDR3 Low Voltage, DDR3L-1600, non-parity, one 204-pin SO-DIMM

Disk

Some: SATA 6.0Gb/s, 2.5" Wide, 5400 rpm
Some: 500GB (5400 rpm) or 1TB (5400 rpm) Solid State Hybrid Drive (SSHD) / with 8GB MLC NAND flash memory, SATA 6.0Gb/s, 2.5" wide

Optical

None

SATA controller

Serial ATA, SATA 6.0Gb/s support, integrated in processor

Display

21.5" (546.1mm) Full HD (1920x1080), LED backlight, 250 nits, 16:9 aspect ratio, 1000:1 contrast ratio, wide viewing angle (horizontal: +/- 89°; vertical: +/- 89°), glossy panel or anti-glare panel

Multi-touch

Projected Capacitive Touch (PCT) technology, supports 10-point touch

Camera

1080p camera, 2.0-megapixel, fixed focus, dual array digital microphone

Light sensor

Ambient light sensor

Controls

Power button and volume up/down on right side, Windows button on front

Rear ports

None

Side ports

Three USB 3.0, one microphone / headphone combo jack (3.5mm), HDMI-in, power connector

PCIe Mini Card

One PCI Express Mini Card slot (half size, for WLAN)

Media reader

6-in-1 media card reader

Audio support

High Definition (HD) Audio, Realtek ALC283 / internal speakers (2.8watt x 2), Dolby® Home Theater® V4

WLAN[13]

Some: 11b/g/n wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1
Some: 11ac/a/b/g/n wireless, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1

Bluetooth™

Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter

NFC

Optional Near Field Communication (NFC)

Ethernet

None

Security features

- Power-on password
- Administrator password
- Boot sequence control
- Boot without keyboard and mouse
- USB port disablement

Dimensions

(WxDxH) 20.7" X 12.5" X 1.6"; 526.4mm X 318.6mm X 39.5mm

Weight

10.19 lb (4.62 kg), vary by configuration

Case color

Front: black color; rear: silver color

Case material

Front: glass panel; rear: plastic

Stand

Adjustable stand, from 15° to flat (90°)

Keyboard

2.4G wireless ultra slim keyboard, 6-row, silver

Mouse

2.4G wireless laser wheel mouse ZTM600, 1200dpi, silver

Battery type

Lithium-ion, 4-cell, 48Wh

Battery life

Up to 3 hours (streaming movie via Wi-Fi)

Power supply

Some: 90 watts AC adapter, universal
Some: 120 watts AC adapter, universal

Physical gaming accessories

Some: E-dice, with USB charger and dongle, simply shake and roll like a real dice
Some: Joystick, tilt to create directional motion during on-screen actions
Some: Striker, push across screen to strike during on-screen actions
* Physical gaming accessories only function in some games

Preload

Windows 8.1 64-bit

Preloaded applications (only some listed)

- Lenovo Rescue System
- NFC Connector
- Aura multi-user interface
- Dolby Home Theater
- McAfee® liveSafe™ (30 days of virus definitions)
- Microsoft Office preloaded; purchase a product key to activate
- CyberLink YouCam
- 60+ multi-user games
  - Ubisoft® Chubby Kings
  - Ubisoft Raiding Company
  - Ubisoft King of Opera
  - Ubisoft Draw Race 2 HD

Limited warranty[3]

1-year, limited onsite service / service upgrades available

Environment

ENERGY STAR® 6.0; RoHS-compliant

See footnotes for more detailed information

© Lenovo